

Project Status (updated October 12, 2010)

Sewer & Drainage Improvements

Project Name	Location	Description	Status
Aeration Blower and Secondary Clarifiers Upgrades	Waste Water Treatment Facility Sawmill Road	Design services for replacement of aeration blowers, and renovations to the aeration tanks and secondary clarifiers.	Consultant Woodard and Curran completed aeration blower and tank structural integrity evaluation. Working on preliminary design.
CSO Drop Over Structures	Eastern end of East Hollis and Crown Streets	Installation of Drop Over Structures to allow combined sewer to enter sewer interceptor and reduce discharges to nearby Merrimack River.	Park Construction installed walls for E. Hollis Drop Over Structure. Installed sheeting and have excavated for Crown Street structure. Project is about 60% complete.
CSO Program Post Construction Monitoring Plan	City wide - Combined Areas	Plan to aid in demonstrating water quality improvements.	Project in design phase. To be submitted for approval in December 2010.
CSO Storage Facilities	CSO-004 (Burke St)	Installation of storage facilities to reduce overflow occurrences during certain storms.	Currently under design. Construction scheduled for February 2011.
CSO System Optimization and Infrastructure Improvements	CSO-003(Farmington Road) CSO-004 (Burke Street) CSO-007 (Tampa Street) CSO-008 (Broad Street) CSO-009 (Lock Street)	Modifications at the 5 existing CSO Structures to minimize CSO discharges to nearby Nashua or Merrimack Rivers	Project is complete, one-year warranty inspection held in July 2010, everything was done satisfactorily.
Drainage Improvements 2010	Tomolonis Drive, Tennyson Avenue, Simon St at Ledge St, and Howard St.	Extension of existing storm drainage systems with catch basins.	Work complete on Simon St and Howard St. Construction ongoing on Tomolonis Dr. Construction on Tennyson Avenue started.

Haines Street Sewer Separation	Marshall Street, Dolan Street, Allds Street, and Haines Street.	Replace existing combined sewer with new sanitary sewer and storm drain.	Arlington Street paved in July 2010. Project in Warranty Period.
Harbor Avenue Area Sewer Separation	Area bordered by East Hollis St/Dearborn St and Allds St.	Replace existing combined sewer with new sanitary sewer and storm drain.	Project in design phase. Construction scheduled to begin May 2011.
Inflow/Infiltration Projects	City Wide - Separated Areas	Removal of infiltration and inflow from sewer system	Continue efforts to remove infiltration sources. Root treatment this fall.
Miscellaneous Sewerage Improvements 2009	Amory Street Buck Street Green Street Fletcher Street Van Buren Street	Replacing deficient sewer pipes with new pipes.	Project 95% complete. Contractor to resume work in 2010. Final paving on Fletcher Street and punch list work remains.
Net Metering Project	Waste Water Treatment Facility Sawmill Road	Installation of net metering equipment and additional conduit to maximize the energy capture of methane gas from anerobic digester and conversion to electrical energy to feed the PSNH grid. Project is ARRA funded	PSNH required additional components and safety devices. Contractor Reilly Electric ordered these additional items and has started construction.
North Facilities Power System Upgrade	Waste Water Treatment Facility Sawmill Road	Installation of a 1,500 KW generator to provide power to the Wet Weather Facility and to upgrade the existing north generator.	Project complete. Post construction evaluation continuing.
Sewer Manhole Rehabilitation Project 2009	Fox Meadow Road Amherst Street Timberline Drive Watson Street	Seal manholes using epoxy spray on lines to stop infiltration and improve manhole integrity	Project complete. Post 1-year inspection to be conducted by the City soon.

Sewer Point Repair and CIPP Lining Project 2009	Prospect Street Auburn Street Lake Street Main Street	Repair short sections of damaged sewer pipes with an epoxy resin coated liner and an entire section of sewer pipe on Auburn Street with a cured in place pipe (CIPP).	All work was completed except for lining on Lake Street. Due to magnitude of work involved, a new project is being planned for lining sewer on Lake Street.
Sewerage Improvements 2010	Amherst St. Beech St. Martin St/Pearson St	Sewer Rehabilitation	Merrill Construction has completed sewer rehab work on Holman St., Amherst and Main Streets, Tolles-Martin Streets intersection and Wilder Street. Other utility companies working on Amherst Street.
Sludge Dewatering Project	Waste Water Treatment Facility Sawmill Road	Installation of new sludge dewatering equipment and associated upgrades at the NWTF	Wright-Pierce completed 95% design and is currently working on the finalizing the documents.
Sluice Gate Near CSO 006	CSO-006 (near Jackson Street on Nashua River)	Installation of a gate within the junction chamber near CSO 006 to store wet weather flow in the pipe.	Demolition work ongoing. Structural changes to concrete chamber are underway.
Transportation Improvements			
Project Name	Location	Description	Status
Annual Sidewalk Program Lund Road and South Main Street	Lund Road: North side from Anvil Dr to Almont Street. South Main Street: East side from Veteran's Drive to East Hobart Street.	New and replacement sidewalks.	Contractor has reached substantial completion. Punch list work to be completed this fall.
Annual Sidewalk Program South Main Street, Main Street Bridge, Conant Road	South Main Street: East side from Anders Lane to East Hobart Street. Main Street Bridge Conant Road: Searles Road to Harris Road	New and replacement sidewalks.	Project in design phase. Construction scheduled to start in 2010.

Broad Street and Dublin Avenue	Broad Street: Coliseum Avenue to Coburn Avenue	Traffic Improvements. 80% State funds. Study and concept design completed.	Currently on hold. Construction schedule has not been set.
	Dublin Avenue: Broad Street to Pine Hill Road		
Broad Street Parkway	Broad Street (RR Crossing) to West Hollis Street.	New 2-lane highway.	Record of Decision (ROD) on Environmental Re-evaluation issued by Federal Highway.
Manchester Street Bridge	Nashua/Merrimack Town Line	Replacement of outdated bridge over Pennichuck Brook	Under Design and Permitting by CLD Engineers. Options to preserve historical componenets being developed.
Route 101A Widening and Improvements	Somerset Parkway to Celina Avenue Phase 1: Sunapee Street to Blackstone Drive	Road Widening and Traffic Signal Improvements. Funding: 80% State 20% Federal. See	Currently developing a contract for final design services.
Sidewalk and Pedestrian Safety Improvements	East Hollis Street intersection with "C" Street pedestrian crossing	Improved pedestrian crossing and new sidewalk connections.	Broad Street and Conant Road completed. Work on East Hollis Street has begun.
	North Southwood Drive intersection with Tinker Road pedestrian crossing.		
	Conant Road from Katie Lane to Searles Road		
	Broad Street from Elementary School to past Broadcrest Lane		
Park Improvements			
Rotary Common Phase I		Construction of a premier	Phase I Project complete.

Rotary Common Phase II	315 Main Street	Construction of a premier park on a site rich in industrial history.	Final review of design ongoing.
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Paving List for 2010

Street	Limits	Work Description	Approximated Dates
Groton Road	West Groton Road to Gregg Road	Shim & Overlay	<i>Completed</i>
Howard Street	Hoyts Lane to Spruce Street	Shim & Overlay	<i>Completed</i>
King Street	Allds Street to End	Shim & Overlay	<i>Completed</i>
Ledge Street	FE Everett to Simon Street	Shim & Overlay	<i>Completed</i>
Ledge Street	Simon Street to #165 Ledge Street	Shim & Overlay	<i>Completed</i>
Liberty Street	West Hollis Street to Kinsley Street	Shim & Overlay	<i>Completed</i>
Searles Road	#145 Searles Road to Salmon Brook Bridge	Shim & Overlay	<i>Completed</i>
Searles Road	Indian Fern Drive to Middle Dunstable Road	Shim & Overlay	<i>Completed</i>
Shady Hill Road	Stonybrook Road to Northwood Drive	Shim & Overlay	<i>Completed</i>
Stonybrook Road	Franconia Drive to Hunters Lane	Shim & Overlay	<i>Completed</i>
West Groton Road	Diamondback Road to Hollis town line	Shim & Overlay	<i>Completed</i>

Extended Paving List for 2010

<i>Street</i>	<i>Limits</i>	<i>Work Description</i>	<i>Approximated Dates</i>
<i>Adelaide Ave</i>	<i>Concord St to End</i>	<i>Overlay</i>	<i>October</i>
<i>Carver St</i>	<i>Hughey St to End</i>	<i>Overlay</i>	<i>October</i>
<i>Corona Ave</i>	<i>Greenlay St to Carroll St</i>	<i>Overlay</i>	<i>October</i>
<i>Edmatteric Dr</i>	<i>Main Dunstable Rd to End</i>	<i>Overlay</i>	<i>October</i>
<i>Old Coach Rd</i>	<i>Main Dunstable Rd to End</i>	<i>Overlay</i>	<i>October</i>
<i>Pearson St/Martin St</i>	<i>Whitney St to Tolles St</i>	<i>Overlay</i>	<i>October</i>
<i>Prospect Avenue</i>	<i>Main St to End</i>	<i>Base pave</i>	<i>October</i>
<i>Vernon St</i>	<i>Amherst St to Highland St</i>	<i>Base pave</i>	<i>Completed</i>
<i>Connector to West Hollis</i>	<i>W. Hollis St to 12 Mercier Ln</i>	<i>Overlay</i>	<i>October</i>

<i>Wethersfield Rd</i>	<i>Shelton St to Canon St</i>	<i>Overlay</i>	<i>October</i>
<i>Woodward Ave</i>	<i>Kinsley St to Early St/Gilman St</i>	<i>Overlay</i>	<i>Completed</i>

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